

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**(Case No. 16136US02)**

*In the Application of:*

Severine Catreux et al.

*U.S. Serial No.:* 10/801,930

*Filed:* March 16, 2004

*For:* MULTI-ANTENNA  
COMMUNICATION SYSTEMS  
UTILIZING RF-BASED AND  
BASEDBAND SIGNAL WEIGHTING  
AND COMBINING

*Examiner:* Sophia Vlahos

*Group Art Unit:* 2611

*Conf. No.:* 4709

*Customer No.:* 23446

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this correspondence is being transmitted via EFS-Web to the United States Patent and Trademark Office on August 12, 2010.

/Michael T. Cruz/  
Michael T. Cruz  
Reg. No. 44,636

**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Mail Stop **Issue Fee**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper responds to the Examiner's Statement of Reasons for Allowance ("the Examiner's Statement") in the above-identified application and accompanies the issue/publication fee transmittal (part B).

## REMARKS

Applicants respectfully submit that the Examiner's Statement presents only some of the reasons for allowance of the claims, and that other reasons also exist for allowing the claims such as, for example, those set forth more completely in the record as a whole. This interpretation is consistent with M.P.E.P. § 1302.14, which states that any statement of reasons for allowance "[i]s not intended to necessarily state all the reasons for allowance or all the details why claims are allowed and should not be written to specifically or impliedly state all the reasons for allowance are set forth." M.P.E.P. § 1302.14.

Applicants respectfully submit that the Examiner's Statement might imply that the dependent claims are only allowable because they depend from allowed independent claims. However, the Examiner's Statement does not discuss any of the other elements of the claimed subject matter, in particular, those additional elements recited in the dependent claims which may render the dependent claims independently allowable in view of the specification, prosecution file history and/or the documents made of record, either alone or in combination.

Finally, Applicants agree with the Examiner that claims 7-9, 11-13, 19-21, 23, 24, 33, 41, and 44-53 are allowable in view of all of the documents made of record, either alone or in combination. However, Applicants do not necessarily agree with the Examiner's characterization of the documents made of record, either alone or in combination, or the Examiner's characterization of recited claim elements. In closing, Applicants respectfully reserve the right to argue the characterization of the documents of record, either alone or in

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Attorney Docket No. 16136US02  
Comments on Statement of Reasons for Allowance dated August 12, 2010  
In Reply to Notice of Allowability mailed May 27, 2010

combination, to argue what is allegedly well known, allegedly obvious or allegedly disclosed, or to argue the characterization of the recited claim elements should that need arise in the future.

If the Examiner has questions, or if Applicants can be of assistance, the Examiner is invited and encouraged to contact Applicants' representative at the below-listed telephone number.

The Commissioner is hereby authorized to charge any additional fees, to charge any fee deficiencies or to credit any overpayments to the deposit account of McAndrews, Held & Malloy, Account No. 13-0017.

Dated: August 12, 2010

Respectfully submitted,

/Michael T. Cruz/  
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